

CLAIMS

What is claimed is:

1. A femoral sizing guide which facilitates the selection of a femoral prosthetic comprising:

an extension portion configured to be placed adjacent to a posterior condyle surface of the femur;

a base portion pivotally connected to the extension portion;

a superstructure having a drilling guide slidably coupled to the base portion; and

a graduated stylus coupled to the superstructure which is configured to be placed adjacent an anterior condyle surface of the femur.

2. The femoral sizing guide according to claim 1 further comprising a worm gear disposed between the extension portion and the base portion.

3. The femoral sizing guide according to claim 1 wherein the extension portion comprises a pair of feet configured to be positioned adjacent to the posterior condyle surface of the femur.

4. The femoral sizing guide according to claim 1 wherein the extension portion is rotatably coupled to the base portion about a rotational axis.

5. The femoral sizing guide according to claim 4 wherein the worm gear is disposed a predetermined distance from the rotational axis.

6. The femoral sizing guide according to claim 1 wherein the worm gear defines an arcuate slot.

7. The femoral sizing guide according to claim 6 further comprising a pin fixed to the base slidably disposed within the arcuate slot.

8. The femoral guide according to claim 1 wherein the superstructure defines a slot configured to restrain the movement of the stylus.

9. The femoral guide according to claim 1 further comprising an actuator disposed between the superstructure and the base, said actuator being configured to displace the superstructure with respect to the extension portion.

10. A femoral sizing guide comprising:
an extension portion having a pair of feet, the feet being configured to engage a posterior surface of a condyle;
a base portion rotatably coupled to the extension portion;
a superstructure slidably coupled to the base;
a stylus slidably coupled to the superstructure, said stylus configured to engage an anterior surface of the femur; and
a worm gear disposed between the base and the extension portion, wherein rotation of the worm gear causes rotation of the feet with respect to the superstructure.

11. The femoral guide according to claim 10 wherein the worm gear comprises an articulated slot.

12. The femoral sizing guide according to claim 11 further comprising a fixed pin disposed within the arcuate slot.

13. The femoral sizing guide according to claim 10 wherein the stylus is disposed within a slot defined by the superstructure.

14. The femoral sizing guide according to claim 10 wherein the extension portion is rotatably coupled to the base at a predetermined distance from the transepicondylar axis of the femur.

15. The femoral sizing guide according to claim 10 wherein the base is rotatably coupled to the extension portion along an axis which is substantially parallel and a predetermined distance away from the transepicondylar axis.

16. A femoral sizing guide configured to measure the size of a resected femur comprising:

an extension portion having a pair of feet configured to be placed adjacent to a posterior surface of the resected femur;

a base portion pivotally connected to the extension portion a predetermined distance from the transepicondylar axis of the resected femur;

a stylus slidably coupled to the base; and

a worm gear disposed between the base and the extension portion, said worm gear being configured to rotate the base portion with respect to the extension portion.

17. The femoral sizing guide according to claim 16 wherein the worm gear defines an arcuate slot and a fixed pin disposed within the slot.

18. The femoral sizing guide according to claim 16 further comprising a superstructure disposed between the base and the stylus.

19. The femoral sizing guide according to claim 16 further comprising an actuator disposed between the superstructure and the base.

20. The femoral sizing guide according to claim 18 further comprising a pair of drilling guides coupled to the superstructure.

21. A femoral sizing guide which facilitates the selection of a femoral prosthetic comprising:

a foot portion configured to be placed adjacent to a posterior condyle surface of the femur;

a base portion having a first coupling mechanism which is configured to be connected to the foot portion and a second coupling mechanism;

a superstructure having a drilling guide slidably coupled to the second coupling mechanism; and

a graduated stylus coupled to the superstructure which is configured to be placed adjacent an anterior condyle surface of the femur.

22. The femoral sizing guide according to claim 21 wherein the foot portion is rotatable with respect to the base portion.

23. The femoral sizing guide according to claim 21 wherein the foot portion comprises a pair of feet configured to be positioned adjacent to the posterior condyle surface of the femur.

24. The femoral sizing guide according to claim 21 wherein the foot portion is rotatably coupled to the base portion about a rotational axis.

25. The femoral sizing guide according to claim 24 comprising a worm gear disposed a predetermined distance from the rotational axis.

26. The femoral sizing guide according to claim 25 wherein the worm gear defines an arcuate slot.

27. The femoral sizing guide according to claim 26 further comprising a pin fixed to the base slidably disposed within the arcuate slot.

28. The femoral guide according to claim 21 wherein the superstructure defines a slot configured to restrain the movement of the stylus.

29. The femoral guide according to claim 21 further comprising an actuator disposed between the superstructure and the base, said actuator being configured to displace the superstructure with respect to the extension portion.

30. A kit of sizing guide components which facilitates the selection of a prosthetic comprising:

- a base portion having a first coupling mechanism;
- a first fixed foot portion, having a second coupling mechanism which is configured to couple to the first coupling mechanism;
- a second rotatable foot portion, having a third coupling mechanism configured to be coupled to the first coupling mechanism; and
- a superstructure having a drilling guide slidably coupled to the base.

31. The kit according to claim 30 wherein the second rotatable foot portion comprises a pair of feet configured to be positioned adjacent to the posterior condyle surface of the femur.

32. The kit according to claim 30 wherein the second rotatable foot portion comprises a worm gear which is configured to cause the rotation of the second foot portion about a rotation axis.

33. The kit of femoral sizing guide components according to claim 32 wherein the worm gear is disposed a predetermined distance from the rotational axis.